

**Information Disclosure Statement
by Applicant**
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U.S. Department of Commerce
Patent and Trademark Office

Attorney's Docket No.
12406-003002

Application No.
09/731,220

Applicant
Hohn et al.

Filing Date
December 6, 2000

Group Art Unit
2815

U.S. Patent Documents

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	2,096,693	10/37	Cox	313	485	
	AB	2,192,869	3/40	Pearce	313	485	
	AC	3,593,055	7/71	Geusie	257	98	
	AD	3,602,758	8/71	Thornton	313	485	
	AE	3,669,478	10/72	Pinnow et al.			
	AF	3,691,482	9/72	Pinnow	330	108	
	AG	3,819,974	8/74	Stevenson et al.			
	AH	3,932,881	1/76	Mita	257	98	
	AI	5,019,746	5/91	Merg			
	AJ	5,126,214	6/92	Tokailin	313	503	
	AK	5,535,230	7/96	Abe	257	98	
	AL	5,959,316	9/99	Lowery	257	98	
	AM	5,998,925	12/99	Shimizu et al.			
	AN						

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AO	0 486 052 A1	5/92	Europe				
	AP	081010/1997	3/97	Japan				
	AQ	198585/1996	7/96	Japan				
	AR	2 347 289	4/74	Germany				
	AS	244339/1996	9/96	Japan				
	AT	245381/1996	9/96	Japan				
	AU	33 15 675 A1	11/83	Germany				
	AV	359004/1996	12/96	Japan				
	AW	38 04 293 A1	8/89	Germany				
	AX	97 933 047.9	7/97	Europe				

Examiner Signature

Date Considered

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

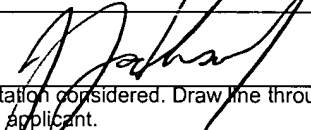
Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 12406-003002	Application No. 09/731,220
Information Disclosure Statement by Applicant (Use several sheets if necessary) MAY 21 2001 CER \$1.00 PATENT & TRADEMARK OFFICE		Applicant Hohn et al.	
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Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AY							

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AZ	B.M. J. Smets, "Phosphors Based On Rare-Earths, A New Era in Fluorescent Lighting", Materials Chemistry and Physics, 16 (1987), pp. 283-299
	AAA	Chao et al., Jour Solid State Chemistry, "White Light Emitting Glass", pg 17-29
	ABB	D.J. Robbins, "The Effects of Crystal Field and Temperature on the Photoluminescence Excitation of Ce ³⁺ in YAG", J. Electrochem. Soc.; Solid State Science and Technology, September 1979, Vol. 126, No. 9, pp. 1550-1555
	ACC	Frank Möllmer et al., "Siemens SMT-TOPLED für die Oberflächenmontage", [Siemens SMT-TOPLEDs for surface mounting], Siemens Components 29, 1991, No. 4, pp. 147-149
	ADD	G. Blasse et al., "A New Phosphor For Flying-Spot Ray Tubes For Color Television; Yellow-Emitting Y ₃ Al ₅ O ₁₂ Ce ³⁺ ", Applied Physics Letter, Vol. 11, No. 2, 15 July 1967, pp. 53, 54
	AEE	German Utility Model G 90 13 615.2., dated January 24, 1991, electroluminescent or laser diode
	AFF	Glen A. Slack et al., "Optical Absorption of Y ₃ Al ₅ O ₁₂ from 10- to 55000-cm ⁻¹ Wave Numbers", Physical review, Vol. 177, No. 3, 15, January 1969, pp. 1308-1314
	AGG	Japanese Patent Abstract 07176794 A (Yoshinori), dated July 14, 1995
	AHH	Japanese Patent Abstract 08007614 (Yoshinori), dated January 12, 1996
	AII	Japanese Patent Abstract No. 5-152609 (Tdatatsu), dated June 18, 1993
	AJJ	Mary V. Hoffman, "Improved color rendition in high pressure mercury vapor lamps", Journal of IES, January 1977, pp. 89-91
	AKK	S.N. Mohammad et al., "Emerging Gallium Nitride Based Devices", Proceedings of the IEEE, Vol. 83, No. 10, October 1995, pp. 1306-1355
	ALL	Sato et al., "Full-Color...Diode", Jpn. J. Appl. Phys., Vol 24 (1996), pp. L838-L839, 7/96
	AMM	Shuji Nakamura et al., "The blue laser diode; GaN based light emitters and lasers", Springer Verlag, Berlin, 1997, 99. 216-219, 328
	ANN	Siemens Forsch.-u. Entwickl.-Ber Bd 5 (1977) No. 3, p. 162 [Siemens research and development reports, vol., 6]
	AOO	Thomas Jüstel et al., "Neue Entwicklungen auf dem Gebiet lumineszierender Materialien für Beleuchtungs- und Displayanwendungen" [new developments in the field of luminescent material for lighting and display applications], Angew. Chem., 1998, 110, pp. 3250-3271
	APP	White LED Lamp by Nichia, copy of a Japanese Newspaper, dated September 1996
	AQQ	

Examiner Signature 	Date Considered 11/02
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